# Earthdata UTC Meeting 1.20.2015

## 1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

## 2. EMS Status

## 3. URS

For further information, please email Peter Smith (peter.l.smith@nasa.gov)

- **URS Integration Information on SSO and the API's can be found on** Wiki

- **DAAC On-boarding Status and Integration Schedule can be found on** Wiki

- **URS4 Development**

  Current Sprint 2.38

  Application creator roles.

  In Production(Release 4.21)

  Security enhancements for application registration.

## 4. Earthdata

- **Earthdata Redesign Status**
    - Site design for major page components complete
    - Search in progress (site search + CMR search for datasets)
    - Working on categories of pages (science disciplines, etc.)
    - Alpha-level rollout in 1-2 more sprints
    - Ross and Minnie POCs for content migration (February/March)
- **Ongoing Development Status**
    - Continued evolution of ECC
        - Non-Stash code repositories
        - Enhanced/improved continuous integration
    - Minor Feedback module tweaks
    - Content authoring/migration support for new Earthdata site
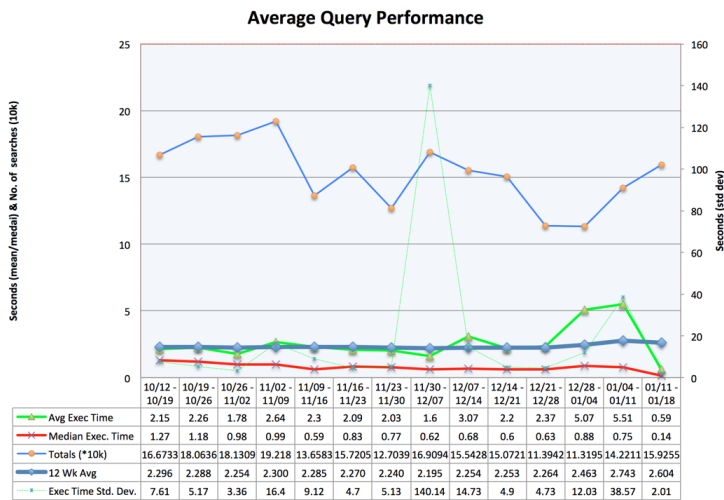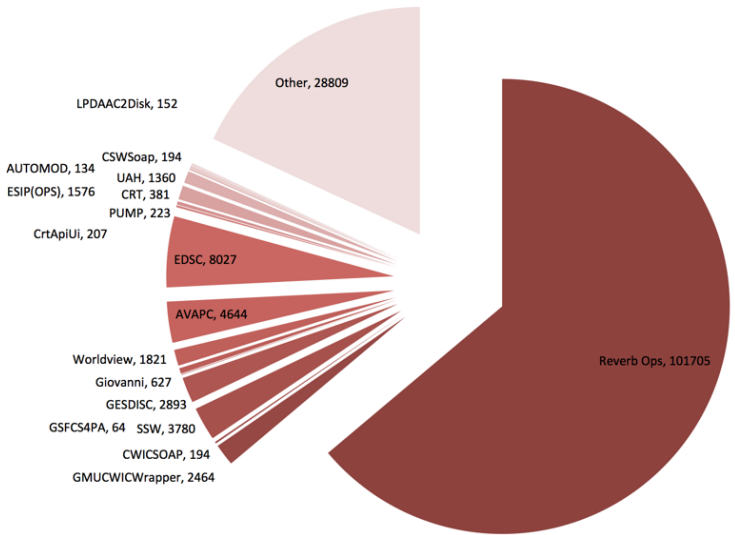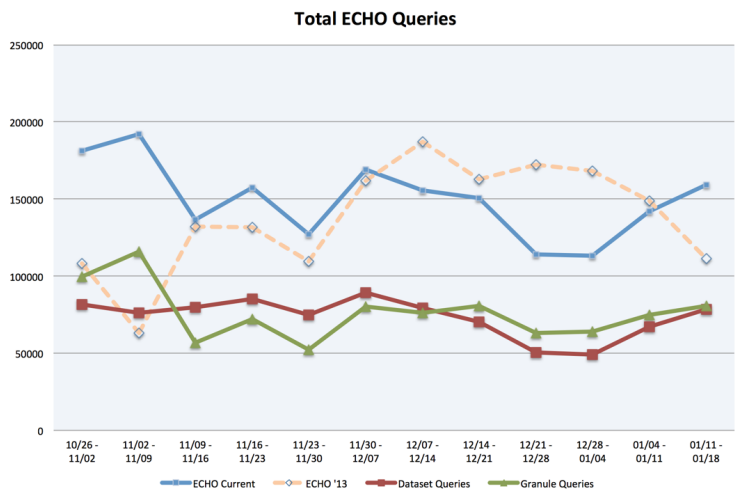
## 5. ECHO/CMR

### ECHO/CMR System Status

### ECHO has been returning results from CMR since January 12, 10am ET

### System Issues

- 01/14 F5 problems caused 30 minute outage of the dev environment
- 01/19 two brief outages of Reverb
    - 3:17 - 3:31pm Reverb outage. Restored with no intervention
    - 11:38 - 11:43pm Reverb outage. Restored with no intervention

# Recent Metrics

## Total ECHO Queries



Legend: ECHO Current — ECHO '13 — Dataset Queries — Granule Queries



Pie chart labels:
- Other, 28809
- LPDAAC2Disk, 152
- CSWSoap, 194
- AUTOMOD, 134
- UAH, 1360
- ESIP(OPS), 1576
- CRT, 381
- PUMP, 223
- CrtApiUi, 207
- EDSC, 8027
- AVAPC, 4644
- Worldview, 1821
- Giovanni, 627
- GESDISC, 2893
- GSFCS4PA, 64
- SSW, 3780
- CWICSOAP, 194
- GMUCWICWrapper, 2464
- Reverb Ops, 101705

## Average Query Performance



| | 10/12 - 10/19 | 10/19 - 10/26 | 10/26 - 11/02 | 11/02 - 11/09 | 11/09 - 11/16 | 11/16 - 11/23 | 11/23 - 11/30 | 11/30 - 12/07 | 12/07 - 12/14 | 12/14 - 12/21 | 12/21 - 12/28 | 12/28 - 01/04 | 01/04 - 01/11 | 01/11 - 01/18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Avg Exec Time | 2.15 | 2.26 | 1.78 | 2.64 | 2.3 | 2.09 | 2.03 | 1.6 | 3.07 | 2.2 | 2.37 | 5.07 | 5.51 | 0.59 |
| Median Exec. Time | 1.27 | 1.18 | 0.98 | 0.99 | 0.59 | 0.83 | 0.77 | 0.62 | 0.68 | 0.6 | 0.63 | 0.88 | 0.75 | 0.14 |
| Totals (*10k) | 16.6733 | 18.0636 | 18.1309 | 19.218 | 13.6583 | 15.7205 | 12.7039 | 16.9094 | 15.5428 | 15.0721 | 11.3942 | 11.3195 | 14.2211 | 15.9255 |
| 12 Wk Avg | 2.296 | 2.288 | 2.254 | 2.300 | 2.285 | 2.270 | 2.240 | 2.195 | 2.254 | 2.253 | 2.264 | 2.463 | 2.743 | 2.604 |
| Exec Time Std. Dev. | 7.61 | 5.17 | 3.36 | 16.4 | 9.12 | 4.7 | 5.13 | 140.14 | 14.73 | 4.9 | 4.73 | 12.03 | 38.57 | 2.01 |

## ECHO Release Status

If you are interested in viewing these issues. Please email kathleen.baynes@nasa.gov for JIRA permissions.

### In Operations: 10.87

2 week sprint, ending 11/28/2014

| Key | Summary |
|-----|---------|
| **ECHO-102** | Support for pre-formatted fields |
| **ECHO-141** | ECHO 10.85.1 Indexing datasets and granules in partner test is taking too long |
| **ECHO-157** | Apparent flapping between CMR and ECHO results |

### In Testbed and Partner Test: 10.88

| Key | Summary |
|-----|---------|
| **ECHO-39** | 10.83 Reverb Testbed - Keep getting 'Unresponsive Script' message |
| **ECHO-42** | Reverb 10.79.13- Reverb Sessions Logging Out Too Frequently |
| **ECHO-43** | Reverb not displaying XY Bounding Box image in Order options for HSA spatial subsetting |
| **ECHO-90** | 8.2+/ECHO TS1. Unable to use accented characters in metadata |

| | |
|---|---|
| ECHO-100 | Unable to delete option definition due to "orphaned" echo_collection_ids |
| ECHO-110 | Reverb is messing up a little on the annual searches |
| ECHO-118 | NAALSED OPS Reverb Granule Details Spatial Extent |
| ECHO-153 | New Aquarius Datasets not showing up in Reverb |
| ECHO-170 | GetQueryResults SOAP call failing after CMR switch |

## In Development: 10.89

| Key | Summary |
|---|---|
| ECHO-213 | 8.3.2 - ESI/HEG: Resampling slider bar does not work |
| ECHO-174 | 500 errors on Ingest |
| ECHO-167 | Reverb taking too long to place an order |
| ECHO-141 | ECHO 10.85.1 Indexing datasets and granules in partner test is taking too long |
| ECHO-133 | ECHO:Reverb Rename the "Perform Services" button |
| ECHO-132 | ECHO:Reverb When entering coordinates, text turns red too soon |
| ECHO-92 | AMSR/ADEOS-II showing downloadable in shopping cart |
| ECHO-91 | ECHO/Reverb 10.75.7. Datasets found but not displayed in Partner Test Reverb. |

| ECHO-88 | ECHO 10.82.6. Granule failing ingest at ECHO that succeeded previously |
| --- | --- |
| ECHO-40 | Reverb is not rendering granules correctly in map view |
| ECHO-33 | Adding a provider via PUMP using standard instructions causes errors in Reverb shopping cart |

## Upcoming Events

### Planned Maintenance
- 01/21 Partner Test OS patching (outage)
- 01/28: ECHO 10.88 and CMR 1.16 to Operations

## Current Activities

### UMM Collections and Granules Status

Comments are being reviewed. If you participated in the UMM-C and UMM-G review look for a meeting to scheduled in Late February to discuss outstanding comments/concerns.

If you have issues/comments/questions with these releases, please email support@earthdata.nasa.gov

To get involved with ESO Review Process, email eso-staff@lists.nasa.gov

# 6. GIBS

- **New/Planned Products**
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Awaiting Atmosphere imagery updates.
    - Evaluating land imagery test run.  Coordinating updates.
  - GPM - Precipitation (Rain & Snow) and Brightness Temperature
    - Processing imagery in test environment
    - Awaiting meeting with PPS & GES DISC
  - ASTER GDEM - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief, Colored Index, Floating TIFF
    - Pending confirmation on received Color Index imagery.
    - Shaded Relief layers delivered Dec/Jan
  - MEaSUREs Wetlands
    - Reviewing updated sample imagery.

- **GIBS Technical Working Group**
    - Granule Support
        - Prototype Granule Access API - Available to EDSC and Worldview for early evaluation & testing
    - Next Topic - TBD
        - QA Flag Layers
        - Vector Data Visualization
        - Visualization Metadata
- **GIBS New Production Release**
    - External UAT - January '15
    - Transition Plan Draft - January '15
- **General**
    - Final final ICD version to be released in December
    - GIBS Service Endpoint Updates

# 7. Open Floor

Dawn Siemonsma: Are there any end user impacts for upcoming URS security enhancements?  **These changes will not affect end users in any way.**